



# PATENT ABSTRACTS OF JAPAN

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## (54) MULTIPURPOSE INK

### (57)Abstract:

**PURPOSE:** To provide a multipurpose high-performance ink containing pigment and dye as coloring matters.

**CONSTITUTION:** The ink consists of (A) 6W9pts.wt. pigment (e.g. carbon black), (B) 3W0.5pts.wt. dye (e.g. Direct Black 19), (C) 9W1pts.wt. wetting agent (e.g. propylene glycol), (D) 2W0.1pts.wt. solubility improver (e.g. thioglycol), (E) 1W 0.1pt.wt. pH regulator (e.g. triethanolamine), (F) 0.5W0.05pt.wt. rust preventive (e.g. benzotriazole), (G) 0.5W0.01pt.wt. penetrant (e.g. butyl diglycol), (H) 1W 0.02pt.wt. preservative (e.g. Amolden BT-50, a product of Daiwa Chemical Industry Co.) and (I) 85W70pts.wt. of water. The ink has extensive applications as ink for writing utensil, porous rubber seal, porous roller, stamp pad, etc.

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